

file:///C:/Documents%20and%20Settings/awoldemariam/My...9690/EASTSearchHistory.10719690_AccessibleVersion.htm (1 of 9)8/16/2008 1:38:23 PM

L9	0	((filter\$3 near3 scann\$3 near3 image) and (obtain \$3 near3 transform \$3 near3 image) and (series near3 substantially near3 parallel near3 lines near3 alternating near3 binary near3 pixel near3 values) and (determin\$3 near3 orientation near3 angle near3 scann\$3 image) and (arctangent near3 estimat\$3 near3 number near3 changes near3 binary near3 values near3 columns near3 transform\$3 near3 image near3 divid\$3 near3 estimat\$3 near3 number near3 changes near3 binary near3 pixel near3 value near3 rows near3 transform\$3 near3 image)).clm.	US-PGPUB; USPAT	OR	OFF	2008/08/16 13:30
S1	1	10/719690.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 08:50
S2	3	"178271".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:24
S3	2	"6178271".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:24
S4	2	"5594845".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:26

S5	20	("4616180" "4730620" "4761613" "4937526" "4968935" "5005578" "5035244" "5113137" "5115812" "5181260" "5243284" "5251128" "5287276" "5295200" "5323110" "5337231" "5412322" "5453840" "5550937" "5602476").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:27
S6	20	S5 and (transform \$3 or convert\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:28
S7	6	S6 and (filter)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:29
S8	4	S7 and (scal\$3 or siz \$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:29
S9	12	("3748644" "3905045" "4590607" "4635293" "4644582" "4899393" "5005147" "5022089" "5048103" "5146228" "5155774" "5251271").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:33
S10	1955708	"12" and (transform \$3 or convert\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:33
S11	9	S9 and (transform \$3 or convert\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:33
S12	3	S11 and (filter)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:34
S13	2	S12 and (scal\$3 or siz\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:34
S14	293	filter\$3 near3 scanned near3 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:37

S15	1989	(determin\$3 or calculat\$3 or comput \$3)near3 orientation near3 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:38
S16	4	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:39
S17	2	("6049636" "6111667").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:40
S18	1	S17 and (scanned near3 image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:43
S19	0	etimat\$3 near3 orientation near3 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:48
S20	101	estimat\$3 near3 orientation near3 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:48
S21	28	translation near3 scanned near3 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:49
S22	2	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:49
S23	595	382/286.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:50
S24	1	S23 and (transform near3 scanned near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 15:51

S25	12	("4482971" "4668982" "4908782" "5047966" "5208763" "5521847" "5627771" "5715166" "5828769" "5917940" "6201889" "6246468").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:52
S26	0	S25 and (transform near3 scanned near3 image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:53
S27	1	S25 and (transform near3 image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:53
S28	7	("5084818" "5089777" "5119189" "5163099" "5239595" "5247583" "5500671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 15:54
S29	2	"6668099".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 16:02
S30	2	"6151422".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 16:03
S31	2	"6834126".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/25 16:05
S32	10	("5799100" "5841890" "5867598" "5900909" "5982917" "6393155" "6459816" "6480631" "6505299" "6631364").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 16:06

S33	18	half tone near3 dot near3 matric\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 08:57
S34	10309	(spac\$3 or siz\$3) near3 (scan\$3 or print\$3) near3 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:01
S35	1	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:01
S36	0	S33 same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:02
S37	1	S34 and (half tone near3 dot near3 matric\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:07
S38	47	("4185304" "4267573" "4283765" "4393453" "4394693" "4413286" "4437121" "4449150" "4468688" "4468755" "4477802" "4545069" "4554638" "4602346" "4610026" "4611349" "4631751" "4636783" "4637057" "4656664" "4686580" "4703515" "4706205" "4712140" "4716533" "4727430" "4745576" "4752822"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 09:08

		"4769640" "4783838" "4790025" "4790028" "4809345" "4829452" "4885786" "4903147" "4916545" "4918622" "4959730" "4977458" "4985779" "4987498" "5006938" "5053887" "5111310" "5313309" "5341228").PN.				
S39	47	("4185304" "4267573" "4283765" "4393453" "4394693" "4413286" "4437121" "4449150" "4468688" "4468755" "4477802" "4545069" "4554638" "4602346" "4610026" "4611349" "4631751" "4636783" "4637057" "4656664" "4686580" "4703515" "4706205" "4712140" "4716533" "4727430" "4745576" "4752822" "4769640" "4783838" "4790025" "4790028" "4809345" "4829452" "4885786" "4903147"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 09:08

		"4916545" "4918622" "4959730" "4977458" "4985779" "4987498" "5006938" "5053887" "5111310" "5313309" "5341228").PN.				
S40	47	("4185304" "4267573" "4283765" "4393453" "4394693" "4413286" "4437121" "4449150" "4468688" "4468755" "4477802" "4545069" "4554638" "4602346" "4610026" "4611349" "4631751" "4636783" "4637057" "4656664" "4686580" "4703515" "4706205" "4712140" "4716533" "4727430" "4745576" "4752822" "4769640" "4783838" "4790025" "4790028" "4809345" "4829452" "4885786" "4903147" "4916545" "4918622" "4959730" "4977458" "4985779" "4987498" "5006938" "5053887"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 09:08

		"5111310" "5313309" "5341228").PN.				
S41	17	linear near3 shift near3 invariant near3 filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:24
S42	5	S41 and (scan\$3 near3 image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:25
S43	4	S41 and (print\$3 near3 image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/26 09:26

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